IN THE CLAIMS

1. (currently amended) A dispersion of particles in a non-aqueous non-silicone organic medium comprising at least one acrylic polymer comprising:

(A) a skeleton that is insoluble in said medium; and

(B) a portion of said polymer that is soluble in said medium, comprising side chains covalently bonded to said skeleton, wherein said polymer is obtained polymerization of:

(i) at least one acrylic monomer, to form the said insoluble skeleton; and

(ii) at least one carbon-based macromonomer comprising an end group that reacts during said polymerization to form said side chains, wherein said macromonomer is a polyolefin containing an end group selected from the group consisting of a vinyl group and a (meth)acryloyloxy group, said macromonomer having a weight-average molecular mass of at least 200 and representing 0.05% to 20% by weight of the polymer, and

wherein said non-aqueous non-silicone organic medium comprises at least 50% by weight of at least one non-aqueous non-silicone liquid compound selected from the group consisting of:

(i) non-aqueous non-silicone liquid compounds having a global solubility parameter according to the Hansen solubility space of less than or equal to 17 $(MPa)^{1/2}$;

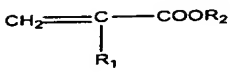
(ii) monoalcohols having a global solubility parameter according to the Hansen solubility space of less than or equal to 20 $(MPa)^{1/2}$; and

(iii) mixtures thereof.

2. (cancelled)

3. (original) The dispersion of claim 1, wherein said acrylic monomer is selected, alone or as a mixture, from the group consisting of:

(i) the (meth)acrylates of formula



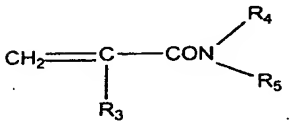
wherein:

- R_1 is a hydrogen atom or a methyl group; and
- R_2 is:

(a) a linear or branched alkyl group containing from 1 to 6 carbon atoms, said group optionally containing in its chain one or more hetero atoms selected from the group consisting of O, N and S and optionally containing one or more substituents selected from the group consisting of -OH, F, Cl, Br, I, and -NR'R", wherein R' and R", which may be identical or different, are linear or branched C_1-C_4 alkyls, optionally substituted with at least one polyoxyalkylene group, said polyoxyalkylene group consisting of a repetition of 5 to 30 oxyalkylene units; or

(b) a cyclic alkyl group containing from 3 to 6 carbon atoms, said group optionally containing in its chain one or more hetero atoms selected from the group consisting of O, N and S and optionally containing one or more substituents selected from the group consisting of -OH, F, Cl, Br and I;

(ii) the (meth)acrylamides of formula



wherein:

- R_3 is a hydrogen atom or a methyl group; and
- R_4 and R_5, which may be identical or different, are:

(a) hydrogen atoms or linear or branched alkyl groups containing from 1 to 6 carbon atoms, said groups optionally containing one or more substituents selected from the group

consisting of -OH, F, Cl, Br , I, and -NR'R", wherein R' and R", which may be identical or different, are linear or branched C_1-C_4 alkyls; or

(b) R_4 is a hydrogen atom and R_5 is a 1,1-dimethyl-3-oxobutyl group; and

(iii) ethylenically unsaturated monomers comprising at least one carboxylic acid, phosphoric acid or sulphonic acid function; and the salts thereof.

4. (original) The dispersion of claim 1, wherein said acrylic monomer is selected from the group consisting of methyl, ethyl, propyl, butyl and isobutyl (meth)acrylates; methoxyethyl (meth)acrylate; ethoxyethyl (meth)acrylate; trifluoroethyl methacrylate; dimethylaminoethyl methacrylate; diethylaminoethyl methacrylate; 2-hydroxypropyl methacrylate; 2-hydroxyethyl methacrylate, 2-hydroxypropyl acrylate; 2-hydroxyethyl acrylate; dimethylaminopropylmethacrylamide; and the salts thereof.

5. (original) The dispersion of claim 1, wherein said acrylic polymer is obtained by free-radical polymerization of one or more acrylic monomers as a mixture with one or more additional non-acrylic vinyl monomers.

6. (original) The dispersion of claim 5, wherein the additional non-acrylic vinyl monomer is selected from the group consisting of:

(i) vinyl esters of formula:

$$R_6\text{-}COO\text{-}CH{=}CH_2$$

wherein:

R_6 is a linear or branched alkyl group containing from 1 to 6 atoms, a cyclic alkyl group containing from 3 to 6 carbon atoms, or an aromatic group;

(ii) ethylenically unsaturated monomers comprising at least one carboxylic acid, phosphoric acid or sulphonic acid function; and

(iii) ethylenically unsaturated monomers comprising at least one tertiary amine function.

7. (original) The dispersion of claim 6, wherein R_6 is selected from the group consisting of benzene, anthracene, and napthalene.

8. (original) The dispersion of claim 6, wherein said additional non-acrylic vinyl monomer is selected from the group consisting of crotonic acid; maleic anhydride; itaconic acid; fumaric acid; maleic acid; styrenesulphonic acid; vinylbenzoic acid; vinylphosphoric acid; and the salts thereof.

9. (original) The dispersion of claim 6, wherein said additional non-acrylic vinyl monomer is selected from the group consisting of 2-vinylpyridine and 4-vinylpyridine, and mixtures thereof.

10. (canceled)

11. (original) The dispersion according to claim 1, wherein said carbon-based macromonomer has a weight-average molecular mass (Mw) from 200 to 100,000.

12. (original) The dispersion of claim 11, wherein said weight-average molecular mass (Mw) is from 300 to 50,000.

13. (canceled)

14. (canceled)

15. (canceled)

16. (original) The dispersion of claim 15, wherein said polyolefin is selected from the group consisting of polyethylene macromonomers, polypropylene macromonomers, polyisobutylene macromonomers, and polybutadiene macromonomers, all of which contain a monoacrylate or monomethacrylate end group; polyisoprene macromonomers containing a monoacrylate or monomethacrylate end group; poly(ethylene/butylene)-polyisoprene macromonomers containing a monoacrylate or monomethacrylate end group; and macromonomers of polyethylene/polypropylene

copolymers or of polyethylene/polybutylene copolymers containing a monoacrylate or monomethacrylate end group.

17. (original) The dispersion of claim 1, wherein said carbon-based macromonomer is present in the polymer in a proportion of from 2-16% by weight.

18. (original) The dispersion of claim 17, wherein said proportion is from 4-15% by weight.

19. (original) The dispersion of claim 1, wherein the weight-average molecular mass (Mw) of said acrylic polymer is between 10,000 and 300,000.

20. (original) The dispersion of claim 19, wherein said weight-average molecular mass (Mw) of said acrylic polymer is between 20,000 and 200,000.

21. (original) The dispersion of claim 1, wherein said polymer particles have a mean size ranging from 10-400 nm.

22. (original) The dispersion of claim 1, wherein said dispersion has a solids content (or dry extract) of from 4-70% by weight.

23. (canceled)

24. (canceled)

25. (canceled)

26. (canceled)

27. (canceled)